IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

TSUKAMOTO et al.

Filed:

January 21, 2004

Docket No.:

10873.195USC2

Title:

METHOD FOR PRODUCING PRINTED WIRING BOARDS

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 321729331 US

Date of Deposit: January 21, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop CONTINUATION PATENT APPLICATION, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

Name: Teresa Anderson

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop CONTINUATION PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

Applicant hereby brings attention to the Examiner that they have commonly assigned related matters:

Patent No. 6,195,882, issued March 6, 2001;

Patent No. 6,197,407, issued March 6, 2001;

Patent No. 6,532,651, issued March 18, 2003;

Patent No. 6,565,954, issued May 20, 2003;

Patent No. 6,518,514, issued February 11, 2003, and

co-pending application Serial No. 10/280,964, filed October 25, 2002.

The references listed were cited in the afore-mentioned cases. Pursuant to 37 CFR 1.98 (2) (iii), the specifications, claims and drawings for this co-pending matters were submitted in the parent application Serial No. 09/686,220, filed October 11, 2000.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 09/686,220 filed on October 11, 2000.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.

P.O. Box 2903

Minneapolis, MN 55402-0903 (612) 3β2-5300

Dated: January 21, 2004

By:

Douglas P. Mueller

Reg No. 30,300

DPM/jh

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INFORMATION DISCLOSURE STATEMENT

Docket Number: 10873.0195USC2 Application Number:

IN AN APPLICATION (Use several sheets if necessary) Applicant: TSUKAMOTO et al.

Filing Date: January 21, 2004

Group Art Unit: Unknown

	- 	···	U.S. PATENT DOCUME	NTS		
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,744,758	04.1998	Takenouchi et al.			
	5,484,647	01.1996	Nakatani et al.			
	5,498,467	03.1996	Meola			
	5,576,519	11.1996	Swamy			
	5,346,750	09.1994	Hatakeyama et al.			
	5,480,503	01.1996	Casey et al.	-		
	5,481,795	01.1996	Hatakeyama et al.			-
	6,143,116	11.2000	Hayashi et al.			
	5,652,042	07.1997	Kawakita			
	5,719,354	02.1998	Jester			
400	5,046,238	09.1991	Daigle			
	6,365,843	04.2002	Shirai et al.			
	6,353,189	03.2002	Shiamada et al.			3.0.
	6,329,610	12.2001	Takubo et al.			
	6,242,079	06.2001	Mikado et al.			
	6,224,965	05.2001	Haas et al.			
	6,197,407	03.2001	Andou et al.			
	6,051,918	04.2000	Hayashi et al.			
-	5,956,843	09.1999	Mizumotot et al.			
	5,950,306	09.1999	Suzuki et al.		****	
	5,914,358	06.1999	Kawakita et al.			
	4,478,972	12.1995	Mizutani et al.			-
	5,440,075	08.1995	Kawakita et al.			1
	5,407,511	04.1995	Nakatani et al.		-	
	5,359,259	10.1994	Reidinger et al.			
	4,678,963	07.1987	Fonda			

EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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INFORMATION DISCLOSURE STATEMENT

Docket Number: 10873.0195USC2

Application Number:

IN AN APPLICATION

(Use several sheets if necessary)

Applicant: TSUKAMOTO et al.

Filing Date: January 21, 2004 | Group Art Unit: Unknown

EXAMINER	DOCUMENT NO.	DATE	U.S. PATENT DOCUMENT NAME	CLASS	SUBCLASS	FILING	G DATE
INITIAL	DOCOMENT NO.		TVAIVE	CLINOS	SODELASS	IF APPR	
	4,648,179	03.1987	Bhattacharyya et al.				
	4,383,363	05.1983	Hayakawa et al.				-
	3,264,402	08.1966	Shaheen				
	4,372,804	02.1983	Hanabusa et al.				
	5,374,469	12.1994	Hino et al.				
	5,326,966	07.1994	Fukuda et al.				
	4,865,888	09.1989	Akahoshi et al.				
	5,595,943	01.1997	Itabashi et al.				
	6,137,054	10.2000	Uezono et al.				
	5,937,725	08.1999	Kamijo et al.				
	5,860,818	01.1999	Sakaki et al.				
	5,707,925	01.1998	Akada et al.				
		FOR	REIGN PATENT DOCUM	1ENTS	<u> </u>	<u> </u>	
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	10 84186	09.1996	Japan			Abstract	
	7 263828	10.1995	Japan			Partial	-
	10 13028	01.1998	Japan		***	Partial	
	568 930	11.1993	ЕРО		···		
	6 318783	11.1994	Japan			Abstract	
	8 298078	11.1996	Japan				
	8 287840	11.1996	Japan				
	8 255982	10.1996	Japan				
	8 213757	08.1996	Japan				
. 3/4	8 213757	08.1996	Japan				

EXAMINER	DATE CONSIDERED

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Sheet 3 of 3

FORM 1449* INFORMATION DISCLOSURE STATEMENT	Docket Number: 10873.0195USC2	Application Number:	
IN AN APPLICATION	Applicant: TSUKAMOTO et al.		
(Use several sheets if necessary)	Filing Date: January 21, 2004	Group Art Unit: Unknown	

	7 147464	06.1	1995	Japan				
	6 356991	03.1	1998	Japan				
	6 356991	03.1	1998	Japan				
	6 268345	09.1	1994	Japan				
<u>-</u>	6 21619	01.1	1994	Japan				
	2000 778	00 03.2	2000	Japan				
	2 601 12	8 01.1	1997	Japan				
	2 283094	11.1	1990	Japan				
	2 134436	12.1	1972	France				
			-					
	•	OTHER DOC	UMENTS	(Including Author,	Γitle, Date, Pertin	ent Pages, Etc.)	L	
	1989	N. Fukutomi et a Method" The Ins 243-253 (with Er	titute of El	pment of Fine Line I ectronics, Informati tract)	Printed Wiring Te on and Communi	echnology by Plar cation Engineers,	nted Wiring Patter C-II, Vol. J72-C-	n Transfer II, No. 4, pp.
				. L				
		1				•		

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
	DATE CONCIDENCED

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